

NORTHFIELD'S EV CHARGER

WHY INSTALL AN EV CHARGER IN NORTHFIELD?

EVs help reduce fossil fuel use, fight against climate change, and make Vermonters more resilient:

- 40% of Vermont's emissions come from transportation. Most of those emissions come from gas powered vehicles.
- Electric vehicles are three times more efficient than gas or diesel vehicles. The efficiency and relatively low-emissions from electricity (specifically in Vermont) mean that electric vehicles have (conservatively) less than half the lifetime GHG emissions of gas cars, accounting for emissions from manufacturing, maintenance, and fuel.

A charging station in downtown Northfield would benefit local residents and businesses:

- Access to charging for Northfield residents, particularly renters who cannot charge at their own homes. This would help ensure EVs are accessible to all Northfield residents, whether or not they own their home. Many rental properties in Northfield are within walking distance of Depot Square.
- Access to charging for Northfield visitors that conveniently locates them next to Northfield businesses. Since visitors who need charging are likely to spend a little while charging, they would be encouraged to visit local businesses while they wait.

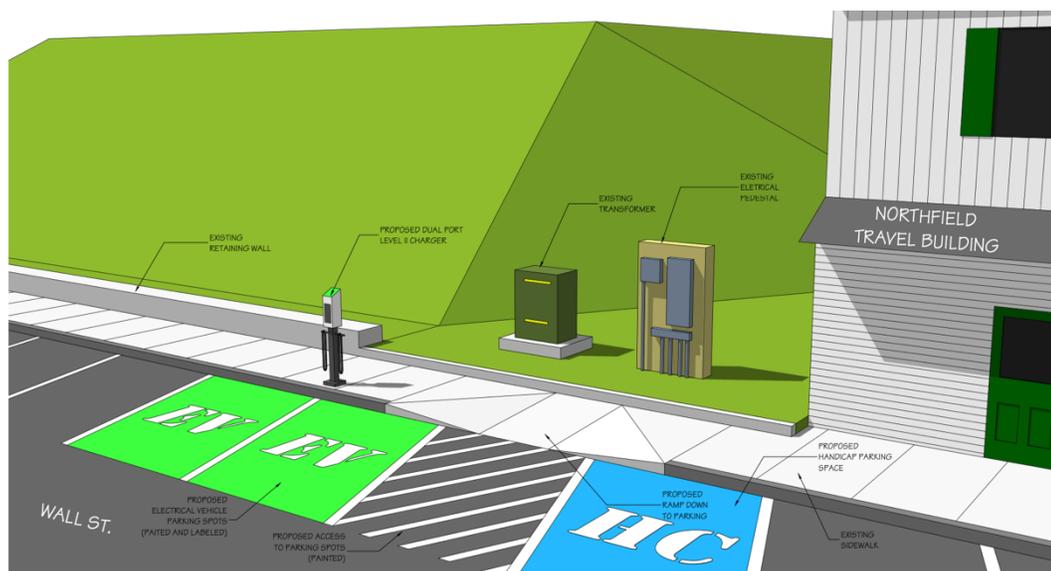
WHY DEPOT SQUARE?

Locating a charger in Depot Square would have the following benefits:

- Significantly lower cost than other downtown locations, due to access to infrastructure
- Convenient and obvious for residents, particularly renters who cannot charge at home but would be able to walk to and from the charger,
- Close to local businesses, which will encourage patronage while charging, and
- Promote the growth of EVs by publicly supporting Northfield residents who choose to make that investment.

PROPOSED CHARGER

Below is a draft drawing of the location of the proposed charger and designated parking spaces. To the right is a similar charger to the one being proposed in Northfield which is located in Waterbury.



(VIEW FROM WALL ST. LOOKING SOUTHEAST)

